

PROPOSED

Application No. 09/521,946

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A copying system including a host device, a peripheral device connected to the host device, and a printing device, the peripheral device comprising:

a reading device that reads an image on an original document as image data;

a converting device that converts the image data read by the reading device, into printable data;

a first transmission device that transmits to the host device the printable data converted by the converting device; and

a reception printing device that receives the printable data converted by the converting device and transmitted from the host device and causes the printing device to print the printable data;

the host device comprising:

a storage device that stores various data;

a reception control device that receives the printable data transmitted from the first transmission device, and stores the printable data in the storage device; and

a second transmission device that transmits to the peripheral device the printable data stored in the storage device by the reception control device.

2. (Original) The copying system according to claim 1, the host device further comprising:

a sorting device that sorts the printable data stored in the storage device in an order of printing for printing by the printing device,

wherein the second transmission device transmits to the peripheral device the printable data sorted by the sorting device, in the sorted order.

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3. (Original) The copying system according to claim 2, further comprising:
an input device that inputs a designation provided by an operator,
wherein the sorting device sorts the printable data according to the operator's
designation input by the input device.
4. (Original) The copying system according to claim 2, wherein the sorting
device sorts the printable data in an order of printing in either a stack mode where a plurality
of copies are consecutively produced for each original document, or a sort mode where a
plurality of copies are produced as a set of the original documents.
5. (Original) The copying system according to claim 1, wherein the printing
device performs color printing using a plurality of inks, and the converting device converts
the image data read by the reading device, into binary data corresponding to the colors of inks
included in the printing device.
6. (Original) The copying system according to claim 1, wherein the converting
device includes an application-specific integrated circuit.
7. (Original) The copying system according to claim 1, wherein the printing
device performs color printing using a plurality of inks, and the converting device converts
the image data read by the reading device, into multi-value data corresponding to the colors of
inks included in the printing device.
8. (Currently Amended) A copying system including a host device having a
large-capacity storage device and a peripheral device connected to the host device, the
peripheral device having a reading device that reads an image on a color original document
and a printing device that prints data read by the reading device, in color, comprising:
a converting device that converts image data of the color original document
read by the reading device, into printable data that can be printed by the printing device;

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a first transmission device that transmits the data converted by the converting device to the host device from the peripheral device;

a reception control device that receives the data transmitted by the first transmission device and stores the data in the storage device;

a second transmission device that transmits the data stored in the storage device by the reception control device to the peripheral device from the host device; and

a reception printing device that receives the data transmitted by the second transmission device and causes the printing device to print the data.

9. (Original) The copying system according to claim 8, the host device further comprising:

a sorting device that sorts the data received and stored in the storage device, in an order of printing by the printing device, without converting the data;

wherein the second transmission device sequentially transmits the data sorted by the sorting device to the peripheral device.

10. (Original) The copying system according to claim 9, further comprising:

an input device that inputs a designation provided by an operator;

wherein the sorting device sorts the printable data according to the operator's designation input by the input device.

11. (Original) The copying system according to claim 9, wherein the sorting device sorts the printable data in an order of printing in either a stack mode where a plurality of copies are consecutively produced for each original document, or a sort mode where a plurality of copies are produced in a set of the original documents.

12. (Original) The copying system according to claim 8, wherein the printing device performs color printing using a plurality of inks, and the converting device converts

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the image data read by the reading device, into binary data corresponding to the colors of inks included in the printing device.

13. (Original) The copying system according to claim 8, wherein the converting device includes an application-specific integrated circuit.

14. (Original) The copying system according to claim 8, wherein the printing device performs color printing using a plurality of inks, and the converting device converts the image data read by the reading device, into multi-value data corresponding to the colors of inks included in the printing device.

15. (Currently Amended) A method of copying operating a copying system that includes a host device, a peripheral device connected to the host device, and a printing device, the method comprising steps of:

at the peripheral device:

a reading step of reading an image on an original document as image data;

a converting step of converting the read-image data read, read in the reading step into printable data;

a first transmitting step of transmitting to the host device the converted printable data converted in the converting step; and

a reception printing step of receiving the printable data converted in the converting step and transmitted from the host device and causing the printing device to print the printable data;

at the host device:

a reception control step of receiving the printable data transmitted from the peripheral device in the first transmitting step;

a storing step of storing the printable data received in the receiving step in a storage device; and

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a second transmitting step of transmitting to the peripheral device the printable data stored in the storage device in the storing step.

16. (Currently Amended) The method according to claim 15, further comprising:

a sorting step of sorting, at the host device, the printable data stored in the storage device in an order of printing for printing by the printing device,

wherein the second transmitting to the peripheral device step includes transmitting the printable data sorted by the sorting device, in the sorted order.

17. (Currently Amended) The method according to claim 16, further comprising:

an inputting step of inputting a designation provided by an operator,

wherein the sorting step sorts the printable data according to the inputting step.

18. (Original) The method according to claim 16, wherein the sorting step sorts the printable data in an order of printing in either a stack mode where a plurality of copies are consecutively produced for each original document, or a sort mode where a plurality of copies are produced as a set of the original documents.

19. (Currently Amended) The method according to claim 15, wherein the printing device performs color printing using a plurality of inks, and the converting device step converts the image data read in the reading step, into binary data corresponding to the colors of inks included in the printing device.

20. (Currently Amended) The method according to claim 19, further comprising:

a sorting step of sorting, at the host device, the printable data stored in the storage device in an order of printing for printing by the printing device,

wherein the second transmitting to the peripheral device step includes transmitting the printable data sorted by in the sorting device step, in the sorted order.

21. (Currently Amended) The method according to claim 20, further comprising:

an inputting step of inputting a designation provided by an operator,

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wherein the sorting step sorts the printable data according to the inputting step.

22. (Original) The method according to claim 15, wherein the converting step uses an application-specific integrated circuit.

23. (Currently Amended) The method according to claim 15, wherein the printing device performs color printing using a plurality of inks, and the converting ~~device~~ step converts the image data read in the reading step, into multi-value data corresponding to the colors of inks included in the printing device.

24. (Original) A peripheral device capable of connecting to a host device, the peripheral device comprising:

a reading device that reads an image on an original document as image data;

a converting device that converts the image data read by the reading device,

into printable data that can be printed by a printing device; and

a transmission device that transmits to the host device the printable data converted by the converting device.

25. (Original) The peripheral device according to claim 24, wherein the printing device performs color printing using a plurality of inks, and the converting device converts the image data read by the reading device, into binary data corresponding to the colors of inks included in the printing device.

26. (Original) The peripheral device according to claim 24, wherein the converting device includes an application-specific integrated circuit.

27. (Original) The peripheral device according to claim 24, wherein the printing device performs color printing using a plurality of inks, and the converting device converts the image data read by the reading device, into multi-value data corresponding to the colors of inks included in the printing device.

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28. (Original) A host device capable of connecting to a peripheral device, the host device comprising:

- a storage device that stores various data;
- a reception control device that receives the printable data transmitted from the peripheral device, and stores the printable data in the storage device; and
- a transmission device that transmits to the peripheral device the printable data stored in the storage device by the reception control device.

29. (Original) The host device according to claim 28, further comprising:

- a sorting device that sorts the printable data stored in the storage device in an order of printing for printing by a printing device,
- wherein the transmission device transmits to the peripheral device the printable data sorted by the sorting device, in the sorted order.

30. (Original) The host device according to claim 29, further comprising:

- an input device that inputs a designation provided by an operator,
- wherein the sorting device sorts the printable data according to the operator's designation input by the input device.

31. (Original) The host device according to claim 29, wherein the sorting device sorts the printable data in an order of printing in either a stack mode where a plurality of copies are consecutively produced for each original document, or a sort mode where a plurality of copies are produced as a set of the original documents.

32. (Currently Amended) A storage medium on which is stored a copy program, the storage medium being comprised in copying system including a host device, a peripheral device connected to the host device, and a printing device, the ~~set~~ copy program comprising instructions to perform:

- a reading step that reads an image on an original document as image data;

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a converting step that converts the image data read in the reading step, into printable data;

a first transmission step that transmits to the host device the printable data converted in the converting step;

a reception printing step that receives the printable data converted in the converting step and transmitted from the host device and causes the printing device to print the printable data;

a storage step that stores various data;

a reception control step that receives the printable data transmitted from the first transmission step, and stores the printable data in the storage step; and

a second transmission step that transmits to the peripheral device the printable data stored in the storage step in the storing step.

33. (Currently Amended) The storage medium according to claim 32, further comprising:

a sorting step that sorts the printable data stored in the storage step in an order of printing for printing in the printing step,

wherein the second transmission step transmits to the peripheral device the printable data sorted in the sorting step, in the a sorted order for printing.

34. (Original) The storage medium according to claim 33, further comprising:

an input step that inputs a designation provided by an operator,

wherein the sorting step sorts the printable data according to the operator's designation input in the input step.

35. (Original) The storage medium according to claim 33, wherein the sorting step sorts the printable data in an order of printing in either a stack mode where a plurality of

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copies are consecutively produced for each original document, or a sort mode where a plurality of copies are produced as a set of the original documents.

36. (Original) The storage medium according to claim 32, wherein the printing step performs color printing using a plurality of inks, and the converting step converts the image data read in the reading step, into binary data corresponding to the colors of inks.

37. (Original) The storage medium according to claim 32, wherein the converting step uses an application-specific integrated circuit.

38. (Original) The storage medium according to claim 32, wherein the printing step performs color printing using a plurality of inks, and the converting step converts the image data read in the reading step, into multi-value data corresponding to the colors of inks.

39. (New) The copying system according to claim 1, wherein the peripheral device further comprising a copy start device that starts copying, and when the copy start device starts copying, the reading by the reading device, the conversion by the converting device, the transmission by the first transmission device, the reception and the storing by the reception control device, the transmission by the second transmission device and the reception and the printing by the reception printing device are performed successively based on the start by the copy start device.

40. (New) The copying system according to claim 8, wherein the peripheral device further comprises a copy start device that starts copying, and when the copy start device starts copying, the reading by the reading device, the conversion by the converting device, the transmission by the first transmission device, the reception and the storing by the reception control device, the transmission by the second transmission device and the reception and the printing by the reception printing device are performed successively based on the start by the copy start device.

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41. (New) The method according to claim 15, further comprising a copy start step of starting copying at the peripheral device, wherein when the copy start step starts copying, the reading step, the conversion step, the first transmission step, the reception control step, the storing step the second transmission step and the reception printing step are performed successively based on the start by the copy start step.

42. (New) The peripheral device according to claim 24 further comprising:
a printing device that prints printable data;
a copy start device that starts copying; and
a reception printing device that receives the printable data converted by the converting device and transmitted from the host device and causes the printing device to print the printable data,

wherein when the copy start device starts copying, the reading by the reading device, the conversion by the converting device, the transmission by the first transmission device, and the reception and the printing by the reception printing device are performed successively based on the start by the copy start device.

43. (New) The method according to claim 32, further comprising a copy start step that starts copying at the peripheral device, wherein when the copy start step starts copying, the reading step, the conversion step, the first transmission step, the reception control step, the storing step the second transmission step and the reception printing step are performed successively based on the start by the copy start step.